

**SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT**  
**PERMIT APPLICATION PUBLIC NOTICE**

**March 28, 2008**

**Permit Number:** OCRM-08-511-A  
**Permit ID:** 62641

The SCDHEC Office of Ocean and Coastal Resource Management has received an application for a permit for the alteration of a critical area. This application was submitted pursuant to the Coastal Zone Management Act (Act 123) of the 1977 South Carolina General Assembly. The application, in brief, is described as follows:

**APPLICANT:** Burton J. Irvine  
c/o Custom Designs Marine  
4337 Big Barn Drive, Ste D  
Little River SC 29566

**LOCATION:** On and adjacent to Cherry Grove Canal "M" at 306 48th Ave N, N Myrtle Beach, Horry County, South Carolina.  
TMS#: 145-02-24-012.

**WORK:** The work, as proposed and shown on the attached plans consists of constructing a replacement bulkhead. Specifically the applicant seeks to build a 6' x 135' vinyl bulkhead within 18 inches of the existing wall. The purpose of the proposed activity is for erosion control.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by OCRM can be based. Comments concerning the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.


The decision to issue or deny a permit will be based on the individual merits of the application, the policies specified in the South Carolina Coastal Zone Management Act, and the considerations outlined in the State of South Carolina Coastal Zone Management Program. Interested parties who wish to be notified of final permit action must notify OCRM in writing of this request.

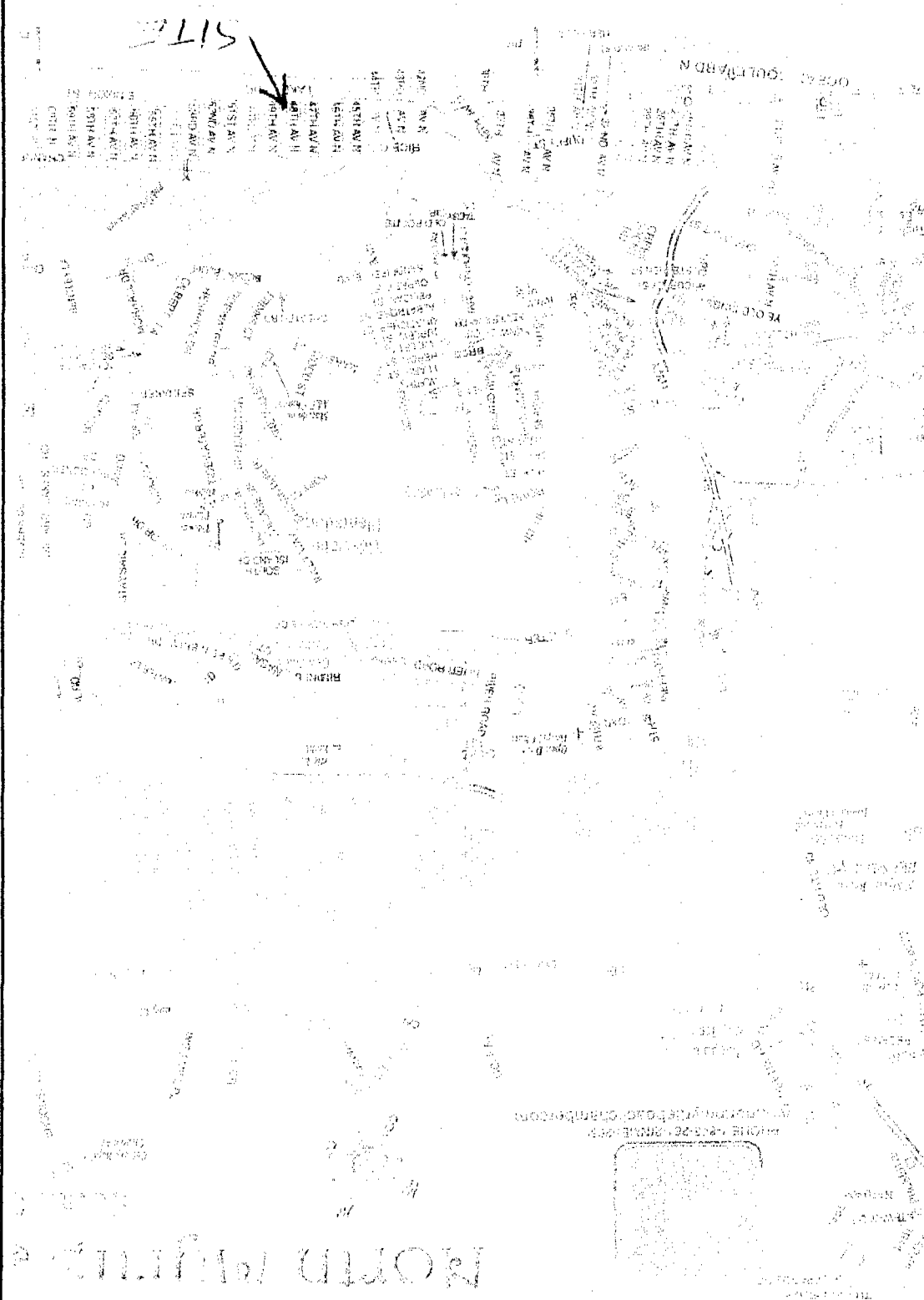
*To assure review by OCRM, comments regarding this application must be received by OCRM on or before April 12, 2008. For further information please contact the project manager for this activity, Tanitra S. Marshall at 843-238-4528.*

**PLEASE REPLY TO:**

SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
927 Shine Avenue  
Myrtle Beach, South Carolina 29577

**Please refer to P/N# OCRM-08-511-A**

  
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Tanitra S. Marshall, Project Manager



VICINITY MAP

APPLICANT: BURTON J. IRVINE  
 ACTIVITY: BULKHEAD REPLACEMENT  
 P/N #CCRM-08-511

LOCATION: 306 48TH AVE. N.  
 CHERRY GROVE  
 N. MYRTLE BEACH, SC 29582  
 COUNTY: Horry  
 DATE: 3/14/08

ADJACENT PROPERTY OWN:  
 1. J. PHIFER  
 2. T. LIVINGSTON

CCRM-08-511

APPLICANT: Burton J. Irvine  
ACTIVITY: Bulkhead Replacements  
P/N #:  
LOCATION: 386 48th Ave. N.  
City: St. Petersburg, FL 33714

ADJACENT PROPERTY OWNERS:  
1. Johnny Phifer  
2. Tommy Livingston

Liverlast Synthetic  
Products, LLC



10' Canal

P/L

50'

Path of Proposed Vinyl

Existing Composite Bulkhead

10' return

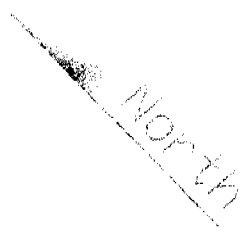
B. Irvine

J. Phifer

10' Canal

85'

T. Livingston



P/L

10' return

48th Avenue N.

SITE PLAN VIEW  
NIS



NOT FOR CONSTRUCTION



loges washer  
w/mut (17P)  
box continuous  
drug timber

1. All steel not needed in concrete to be hot-dip-galvanized.
2. Concrete to have minimum compressive strength of 5000 psi. Also, concrete to be vibrated during placement to prevent honeycombs.
3. Steel rebar to be placed so that to have a cover of 3 inches.
4. Steel rebar not shown here for clarity.
5. All rebar to be SYP No.2 grade or better and pressure treated per AIAA standards as applicable for the application.
6. Backfill shall be clean granular material (GW, GP, SV, or SP per ASTM D-2-87) and compacted at least 95% (per ASTM D-698).

APPLICANT:	Burton J. Irvine
ACTIVITY:	Bulkhead Replacement
P/N #:	
LOCATION:	306 48th Ave. N.
	St. Petersburg, FL

ADJACENT PROPERTY OWNERS:

1. Johnny Phifer
2. Tommy Livingston

Everlast Synthetic  
Products, LLC



6x6 continuous  
drag timber

Dgee washer  
w/nut (TYP)

6x6  
post (TYP)

(TYP)

5/8"  $\phi$  x 15'  
HDG tie-rod  
(TYP)

Existing composite  
sheets to remain

Existing timber  
wale to remain

Reinf. Conc.  
Cup

Existing timber face  
pile (6x6) to remain

4x4x3/8 plate  
washer w/nut (TYP)

ESP 1/2 vinyl  
sheet pile

## SECTION B-B (Timber Beachman Option)

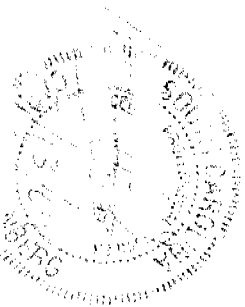
Scale: As noted

APPLICATION: Burton J. Irvine  
ACTIVITY: Bulkhead Replacement  
P/N #:

ADJACENT PROPERTY OWNERS:  
1. Johnny Puffer  
2. Tommy Livingston

LOCATION: 18th Ave. N.  
(Heavy Grade Co.)

Everlast Synthetic  
Products, LLC



NOT FOR CONSTRUCTION

OCRM-06-511

4x4x3/8  
plate washer  
w/nut (TYP)

1'-8.00'

#3 U-stirrup  
12" c/c (TYP)

1'-2.00'

3/4" chanfer  
(TYP)

6-#5 horizontal

ESP +1

8'

#3 dowel  
12" c/c (TYP)

5/8"  $\phi$  x 15' HDG  
tie-rod  
6' c/c (TYP)

sleeve or coat  
36" of tie-rod  
(TYP)

## Concrete Cap Detail (Section C-C)

Scale: As Noted

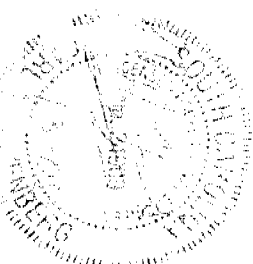
1. See General Notes for concrete type and rebar grades.
2. Typical bar cover is 3 inches.
3. 3/4" expansion joint 48' c/c. Locate tie-rod 12 inches on each side of expansion joint and secure to concrete deckman.

APPLICANT: Barton J. Irvine  
ACTIVITY: Bulkhead Replacement  
P/N #:

LOCATION: 306 48th Ave. N.  
City: St. Petersburg, FL 33713

ADJACENT PROPERTY OWNERS:  
1. Johnny Priher  
2. Tommy Livingston

Everlast Synthetic  
Products, LLC



NOT FOR CONSTRUCTION

DCRM-08-511